AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method ~~[[In]]~~ in a computing environment for intra-package delta compression, ~~[[a]]~~ the method comprising:

receiving information corresponding to a plurality of source files;

~~generating a list of prospective delta inputs, including an entry for each unique source file in the plurality of source files;~~

for each of the plurality of source files, generating a list of prospective delta inputs, the prospective delta inputs including an entry for each other unique source file in the plurality of source files;

an iterator creating a delta for each prospective delta on each file's list of prospective delta inputs;

processing the source files into a base file for a package based upon a minimal package size;

generating a delta from the base file and a source file;

calculating signatures for each of the plurality of source files;

~~saving in~~generating a manifest file by creating a linked list of the plurality of source files, the manifest file comprising ~~[[the]]~~ instructions needed to perform an extraction, the instructions being particularly ordered in the manifest file and the ordering of the instructions corresponding to an ordering of the linked list, and the manifest file comprising a delta section, a copy section, a verify section, and a delete section;

saving in the manifest file the file name and signatures for each source file to be verified; and

packaging the manifest file, base file and the delta into a self-contained package.

2. (Previously Presented) The method of claim 1 further comprising, packaging data for directing a client extractor to synthesize a target file corresponding to a source file from the base file and the delta.

3. (Previously Presented) The method of claim 1 further comprising, setting at least one file name by which a client extractor may synthesize a target file corresponding to a source file from the base file and the delta.

4. (Previously Presented) The method of claim 1 wherein at least two of the plurality of source files are not different versions of the same file.

5. (Previously Presented) The method of claim 1 wherein at least two of the plurality of source files are not different language translations of the same file.

6. (Previously Presented) The method of claim 1 wherein at least two of the plurality of source files are different language translations of the same file.

7. (Cancelled)

8. (Currently Amended) The method of claim 1 further comprising:

constructing a directed graph;

adding each source file in the plurality of files as a vertex in the graph,

adding each prospective delta as an edge of the graph,

giving weight to each edge of the graph corresponding to the size of the associated delta;

adding a null vertex to the graph;

adding edges from the null vertex to each other vertex of the graph,

adding a weight to each edge of the null vertex equal to the size of the compressed file corresponding to the each other vertex; and

~~of file sizes based on multiple possible pairings of source files, and~~

selecting a first source file based on information in the directed graph.

9. (Previously Presented) The method of claim 8 wherein selecting the first source file comprises applying a minimum spanning tree or like algorithm to the directed graph.

10. (Cancelled)

11. (Previously Presented) The method of claim 1 further comprising, providing the package to a recipient, the recipient applying the delta to a first source file to synthesize a second source file.

12. (Previously Presented) A computer-readable storage medium having computer-executable instructions for performing the method of claim 1.

13. (Currently Amended) In a computing environment, a method of synthesizing a target file from a self-contained package, the method comprising:

receiving a package comprising a manifest file, at least one base file and a plurality of deltas, the base file having been synthesized based upon a minimal package size, the manifest file comprising instructions needed to perform an extraction, the instructions being particularly ordered in the manifest file, the ordering of the instructions corresponding to an ordering of a linked list, and the manifest file comprising a delta section, a copy section, a verify section, and a delete section; and

synthesizing a target file by applying a delta included in the package to the at least one base file included in the package according to instructions included in the manifest file.

14. (Original) The method of claim 13 wherein applying the delta to the base file comprises applying the delta to a base file included in the package.

15. (Original) The method of claim 13 wherein applying the delta to the base file comprises applying the delta to a base file synthesized from another delta and another base file.

16. (Original) The method of claim 13 further comprising interpreting a data file to determine to which base file each delta is to be applied.

17. (Currently Amended) The method of claim 14 wherein the ~~data~~ manifest file comprises a set of instructions including instructions that identify a particular base file to which a particular delta file is to be applied.

18. (Original) The method of claim 13 further comprising, executing a setup program.

19. (Original) The method of claim 18 wherein the setup program is executed after each delta has been applied to a corresponding base file.

20. (Original) The method of claim 13 further comprising, deleting the deltas from a temporary directory.

21. (Original) The method of claim 13 further comprising, applying another delta to the synthesized target file to synthesize another target file.

22. (Original) The method of claim 13 further comprising, applying at least two deltas to a common base file to synthesize at least two target files.

23. (Previously Presented) A computer-readable storage medium having computer-executable instructions for performing the method of claim 13.

24 – 34. (Cancelled)